

CLAIMS

Please amend claim 1 and claim 7, and cancel claim 3, to read as indicated below.

1. (Currently amended) An optoelectronic assembly comprising:
an optical emitter for emitting light along a main optical path, wherein the optical emitter is mounted on a first substrate,
at least one mouldable, substantially rigid optical light guide have a first end for receiving a small proportion of the light from the main optical path and a second end, and
at least one photodetector located adjacent the second end of the optical ~~waveguide~~ light guide for receiving light there from, and wherein the at least one photodetector is mounted on a second substrate.
2. (Previously presented) An optoelectronic assembly according to claim 1, wherein the optical emitter, the at least one photodetector and the at least one optical light guide are mounted on a substrate and the at least one photodetector is arranged at a periphery of the substrate.
3. (Cancelled)
4. (Previously presented) An optoelectronic assembly according to claim 1, including a plurality of mouldable, substantially rigid optical guides, and a plurality of photodetectors, the plurality of optical light guides each having a second end located adjacent at a respective one of the photodetectors.
5. (Currently amended) An optoelectronic assembly according to claim 4, wherein the plurality of photodetectors is mounted as an array adjacent ~~the~~ a periphery of the substrate or the second substrate.
6. (Previously presented) An optoelectronic assembly according to claim 5,

wherein the plurality of optical light guides is manufactured as a single assembly for mounting to the substrate.

7. (Currently amended) An optoelectronic assembly ~~according to claim 1,~~
comprising:
an optical emitter for emitting light along a main optical path,
at least one mouldable, substantially rigid optical light guide have a first end for
receiving a small proportion of the light from the main optical path and a
second end, and
at least one photodetector located adjacent the second end of the optical light
guide for receiving light there from, wherein the optical light guide(s)
includes at least one structural feature to facilitate interception of the light
from the main optical path.

8. (Previously presented) An optoelectronic assembly according to claim 1,
further comprising means for splitting a small proportion of light from the main optical
path into a secondary light path and wherein the first end of the optical light guide is
positioned in the secondary light path.

9. (Currently amended) An optoelectronic assembly according to claim 1, wherein
the optical ~~waveguide(s)~~ light guide is made from a stable, low absorption plastics
material.

10. (Currently amended) An optoelectronic assembly according to claim 1,
wherein the optical ~~waveguide(s)~~ light guide(s) includes one or more fiducials to
facilitate alignment of the ~~waveguide~~ light guides to a substrate.